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Glu Gln Gly Cys Arg Leu Thr Arg Arg Phe Gly Pro Asp Arg Phe Phe
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Glu Ile Leu Ile Pro Ser Pro Thr Ser Thr Ser Pro Ser Val Pro Pro
 165 170 175

Val Val Ser Lys Gln Pro Gly Ala Val Glu Glu Val Ile Gln Trp Leu
 180 185 190

Thr Met Gly Gln His Ser Leu Val Gly Arg Gln Trp Arg Ala Phe Phe
 195 200 205

Ala Lys Asp Ala Gly Tyr Arg Lys Pro Leu Arg Glu Phe Gln Leu Arg
 210 215 220

Ala Glu Asp Pro Lys Pro Ile Ile Lys Glu Arg Val His Phe Phe Ala
 225 230 235 240

Glu Thr Gly Ile Thr Phe Arg Pro Asp Val Phe Lys Thr Arg Ser Val
 245 250 255

Val Pro Ala Glu Glu Pro Val Glu Gln Arg Thr Glu Phe Lys Val Ser
 260 265 270

Gln Met Leu Asp Trp Leu Leu Gln Leu Asp Asn Asn Thr Trp Gln Pro
 275 280 285

His Leu Lys Leu Phe Ser Arg Ile Gln Leu Gly Leu Ser Lys Thr Tyr
 290 295 300

Ala Ile Met Thr Leu Glu Pro His Gln Ile Arg His His Lys Thr Asp
 305 310 315 320

Leu Leu Ser Pro Ser Gly Thr Gly Glu Val Met Asn Asp Gly Val Gly
 325 330 335

Arg Met Ser Arg Ser Val Ala Lys Arg Ile Arg Asp Val Leu Gly Leu

340	345	350
Gly Asp Val Pro Ser Ala Val Gln Gly Arg Phe Gly Ser Ala Lys Gly		
355	360	365
Met Trp Val Ile Asp Val Asp Asp Thr Gly Asp Glu Asp Trp Ile Glu		
370	375	380
Thr Tyr Pro Ser Gln Arg Lys Trp Glu Cys Asp Phe Val Asp Lys His		
385	390	395
Gln Arg Thr Leu Glu Val Arg Ser Val Ala Ser Glu Leu Lys Ser Ala		
405	410	415
Gly Leu Asn Leu Gln Leu Leu Pro Val Leu Glu Asp Arg Ala Arg Asp		
420	425	430
Lys Val Lys Met Arg Gln Ala Ile Gly Asp Arg Leu Ile Asn Asp Leu		
435	440	445
Gln Arg Gln Phe Ser Glu Gln Lys His Ala Leu Asn Arg Pro Val Glu		
450	455	460
Phe Arg Gln Trp Val Tyr Glu Ser Tyr Ser Ser Arg Ala Thr Arg Val		
465	470	475
Ser His Gly Arg Val Pro Phe Leu Ala Gly Leu Pro Asp Ser Gln Glu		
485	490	495
Glu Thr Leu Asn Phe Leu Met Asn Ser Gly Phe Asp Pro Lys Lys Gln		
500	505	510
Lys Tyr Leu Gln Asp Ile Ala Trp Asp Leu Gln Lys Arg Lys Cys Asp		
515	520	525
Thr Leu Lys Ser Lys Leu Asn Ile Arg Val Gly Arg Ser Ala Tyr Ile		
530	535	540
Tyr Met Ile Ala Asp Phe Trp Gly Val Leu Glu Glu Asn Glu Val His		
545	550	555
Val Gly Phe Ser Ser Lys Phe Arg Asp Glu Glu Glu Ser Phe Thr Leu		
565	570	575
Leu Ser Asp Cys Asp Val Leu Val Ala Arg Ser Pro Ala His Phe Pro		
580	585	590

Ser Asp Ile Gln Arg Val Arg Ala Val Phe Lys Pro Glu Leu His Ser
595 600 605

Leu Lys Asp Val Ile Ile Phe Ser Thr Lys Gly Asp Val Pro Leu Ala
610 615 620

Lys Lys Leu Ser Gly Gly Asp Tyr Asp Gly Asp Met Ala Trp Val Cys
625 630 635 640

Trp Asp Pro Glu Ile Val Asp Gly Phe Val Asn Ala Glu Met Pro Leu
645 650 655

Glu Pro Asp Leu Ser Arg Tyr Leu Lys Lys Asp Lys Thr Thr Phe Lys
660 665 670

Gln Leu Met Ala Ser His Gly Thr Gly Ser Ala Ala Lys Glu Gln Thr
675 680 685

Thr Tyr Asp Met Ile Gln Lys Ser Phe His Phe Ala Leu Gln Pro Asn
690 695 700

Phe Leu Gly Met Cys Thr Asn Tyr Lys Glu Arg Leu Cys Tyr Ile Asn
705 710 715 720

Asn Ser Val Ser Asn Lys Pro Ala Ile Ile Leu Ser Ser Leu Val Gly
725 730 735

Asn Leu Val Asp Gln Ser Lys Gln Gly Ile Val Phe Asn Glu Ala Ser
740 745 750

Trp Ala Gln Leu Arg Arg Glu Leu Leu Gly Gly Ala Leu Ser Leu Pro
755 760 765

Asp Pro Met Tyr Lys Ser Asp Ser Trp Leu Gly Arg Gly Glu Pro Thr
770 775 780

His Ile Ile Asp Tyr Leu Lys Phe Ser Ile Ala Arg Pro Ala Ile Asp
785 790 795 800

Lys Glu Leu Glu Ala Phe His Asn Ala Met Lys Ala Ala Lys Asp Thr
805 810 815

Glu Asp Gly Ala His Phe Trp Asp Pro Asp Leu Ala Ser Tyr Tyr Thr
820 825 830

Phe Phe Lys Glu Ile Ser Asp Lys Ser Arg Ser Ser Ala Leu Leu Phe
 835 840 845

Thr Thr Leu Lys Asn Arg Ile Gly Glu Val Glu Lys Glu Tyr Gly Arg
 850 855 860

Leu Val Lys Asn Lys Glu Met Arg Asp Ser Lys Asp Pro Tyr Pro Val
 865 870 875 880

Arg Val Asn Gln Val Tyr Glu Lys Trp Cys Ala Ile Thr Pro Glu Ala
 885 890 895

Met Asp Lys Ser Gly Ala Asn Tyr Asp Ser Lys Val Ile Arg Leu Leu
 900 905 910

Glu Leu Ser Phe Leu Ala Asp Arg Glu Met Asn Thr Trp Ala Leu Leu
 915 920 925

Arg Ala Ser Thr Ala Phe Lys Leu Tyr Tyr His Lys Ser Pro Lys Phe
 930 935 940

Val Trp Gln Met Ala Gly Arg Gln Leu Ala Tyr Ile Lys Ala Gln Met
 945 950 955 960

Thr Ser Arg Pro Gly Glu Gly Ala Pro Ala Leu Met Thr Ala Phe Met
 965 970 975

Tyr Ala Gly Leu Met Pro Asp Lys Lys Phe Thr Lys Gln Tyr Val Ala
 980 985 990

Arg Leu Glu Gly Asp Gly Ser Glu Tyr Pro Asp Pro Glu Val Tyr Glu
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Val Leu Gly Asp Asp Asp Phe Asp Gly Ile Gly Phe Thr Gly Asn
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Gly Asp Tyr
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Pro Phe Glu Gly Lys Pro Ile Pro Asn Pro Leu Leu Gly Leu Asp Ser
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Thr Arg Thr Gly His His His His His His
35 40